

42-003-00032



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

*Hagedorn*

November 10, 2014

RECEIVED

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Division Director (3AP00)

Ms. Gail Eddings  
Allegheny County Health Department  
Department of Air Quality  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

Subject: USS Reference Number: 14-0330  
ACHD Reference Number: 17791  
100 Carbonate Plant  
USS Clairton Works

Dear Gail Eddings,

The attached form terminates the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Schumacher".

Thomas E. Schumacher  
Plant Manager  
Clairton Works

CC: James W. Hagedorn (USEPA)

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NOTICE OF PLANNED OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 14-0330 Termination  
ACHD Reference Number: 17791
2. Date & Time of Breakdown: Date: 10/31/14 Time: 1100 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: 100 Carbonate Plant
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: During an approximate 7 day period, the 100 Carbonate Plant will be unavailable for service to perform maintenance on the 102\_E Stripper.

The 100 Carbonate Unit is a redundant piece of equipment. Gas processing for sulfur removal will be handled by the 600 Carbonate Unit. Sulfur Plant performance will not be affected. Sulfur emissions will not increase.

8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
The 600 Carbonate Plant will carry the full acid gas flow to the plant. No environmental impact is expected.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). N/A. No environmental impact is expected
  - C. Amount of each type emitted (or likely to be emitted).  
N/A.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The 600 Carbonate Plant carried the full acid gas flow to the plant.
10. Facility back in operation - Date: 11/07/14 Time: 1545 Hours

Reviewed by Colleen M. Davis Date 11-10-14  
Colleen M. Davis  
Senior Environmental Control Engineer Phone: 412-233-1015